

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-51 (Canceled).

Claim 52 (Currently Amended): A method of delivering an antibody or a fragment thereof to a subject mammal without triggering an anti-idiotypic response directed against said antibody in said mammal, said method comprising transplanting into said mammal a genetically modified mammal cell which comprises a polynucleotide comprising:

(i) a nucleotide sequence encoding an antibody or fragment thereof to be delivered by said genetically modified mammal cell when transplanted into said mammal;

(ii) a promoter sequence controlling expression of the nucleotide sequence from (i) in the genetically modified cell; and

(iii) an element guaranteeing providing the secretion by the genetically modified cell when transplanted into said mammal of the encoded antibody or fragment thereof,

wherein said polynucleotide is expressed and the genetically modified cell secretes when transplanted into the subject mammal the encoded antibody or fragment thereof such that the antibody or fragment thereof reaches the blood circulation of the subject mammal; wherein said cell is a cell not specialized for the production of antibodies, which has the ability (a) to secrete proteins, (b) to live in the mammal subject, and wherein said cell derives from the subject mammal or from another mammal, which is a compatible donor; and wherein an anti-idiotypic response is not triggered.

Claim 53 (Previously Presented): The method of claim 52, wherein the cell is selected from the group consisting of keratinocytes, hepatocytes, skin fibroblasts, myoblasts, endothelial cells and hematopoietic stem cells.

Claim 54 (Canceled).

Claim 55 (Previously Presented): The method of claim 52, wherein the cell is capable of differentiating into a tissue but retains the ability to secrete the antibody.

Claims 56-59 (Canceled).

Claim 60 (Previously Presented): The method of claim 52, wherein the antibody produced by cells that are not specialized for the production of antibodies display thermodynamic and kinetic properties of binding similar to those of the antibody produced by B-cell lineage cells which are naturally specialized in the production of antibodies, as assayed by measurement of on ( $k_{on}$ ) and off ( $k_{off}$ ) kinetic binding constants and of association ( $K_A$ ) and dissociation ( $K_D$ ) constants, respectively.

Claim 61 (Cancelled)